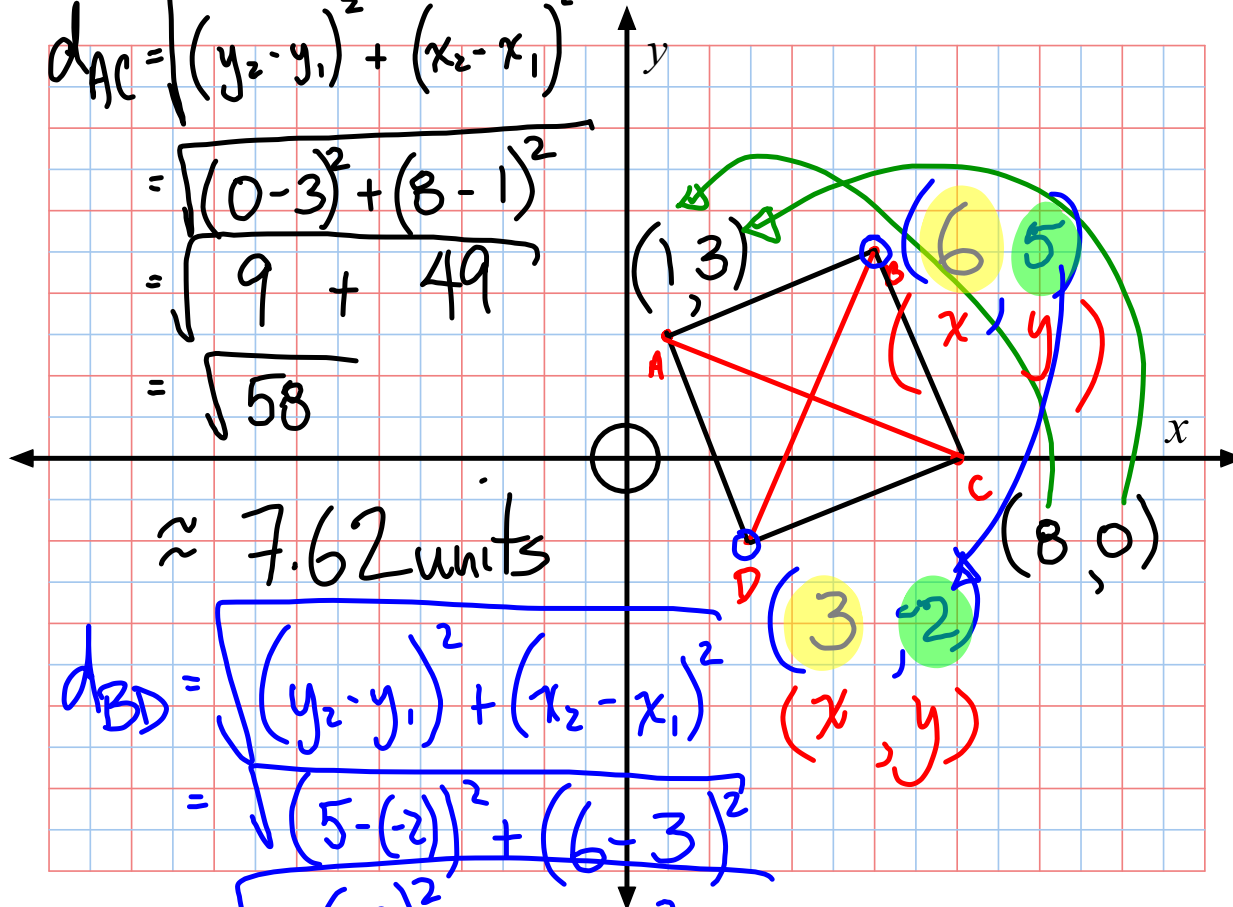


$$\begin{aligned}
 d_{AC} &= \sqrt{(y_2 - y_1)^2 + (x_2 - x_1)^2} \\
 &= \sqrt{(0 - 3)^2 + (8 - 1)^2} \\
 &= \sqrt{9 + 49} \\
 &= \sqrt{58}
 \end{aligned}$$

$$\approx 7.62 \text{ units}$$

$$\begin{aligned}
 d_{BD} &= \sqrt{(y_2 - y_1)^2 + (x_2 - x_1)^2} \\
 &= \sqrt{(5 - (-2))^2 + (6 - 3)^2} \\
 &= \sqrt{(7)^2 + (3)^2} \\
 &= \sqrt{49 + 9} \\
 &= \sqrt{58} \approx 7.62 \text{ units}
 \end{aligned}$$



$$M.P = \left(\frac{(x_1 + x_2)}{2}, \frac{(y_1 + y_2)}{2} \right)$$

$$= \left(\frac{(1+8)}{2}, \frac{(3+0)}{2} \right)$$

$$= (4.5, 1.5)$$

